

FIG. 1  
CONVENTIONAL ART

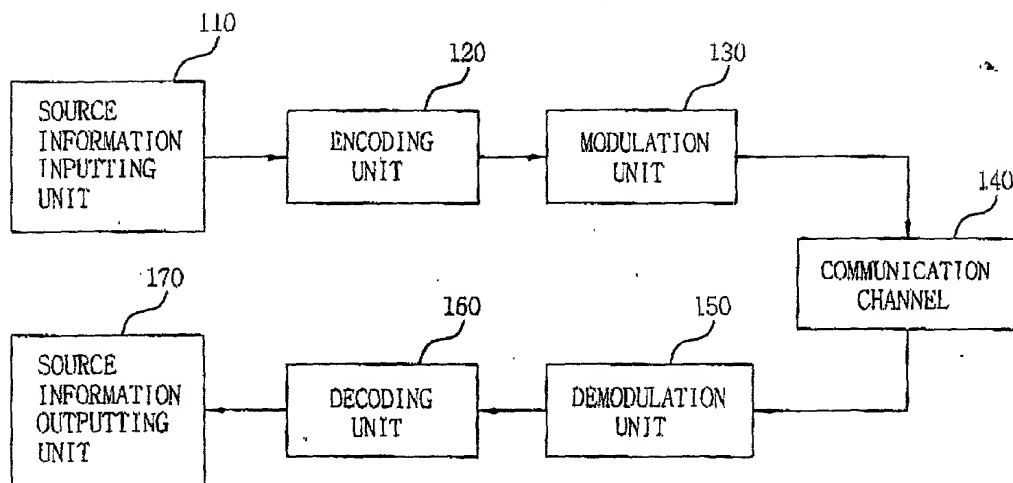


FIG. 2  
CONVENTIONAL ART

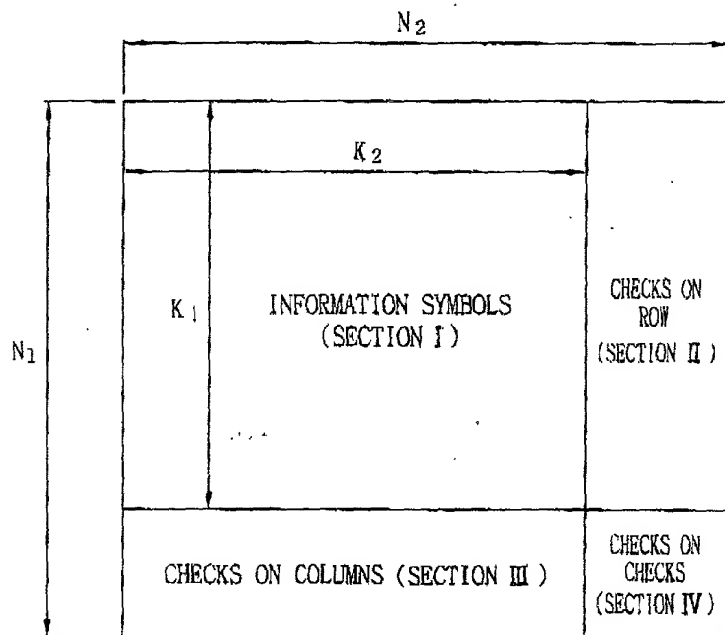


FIG. 3

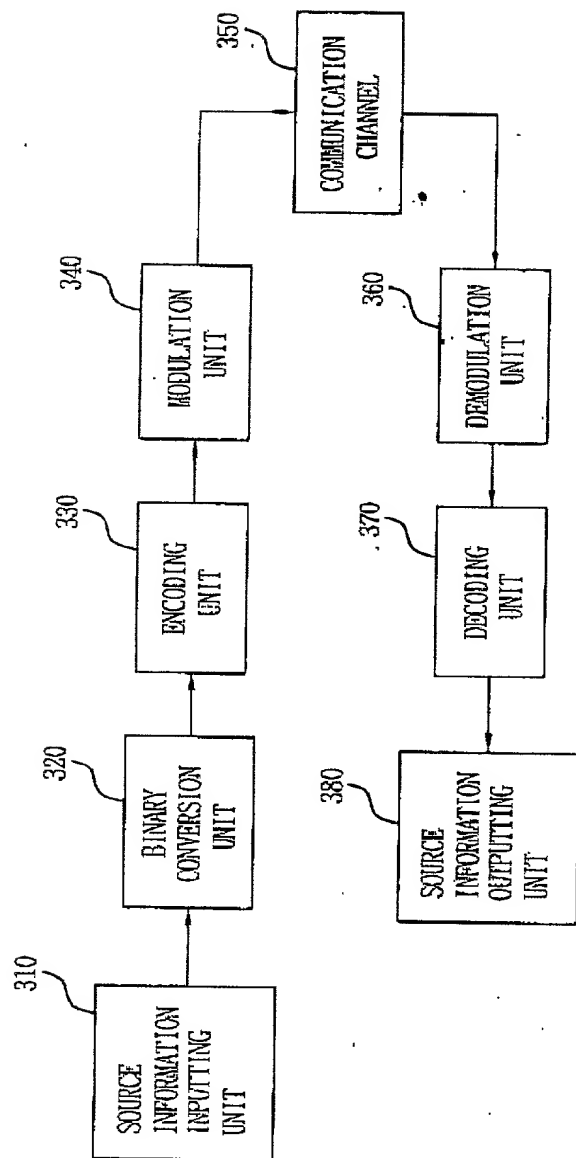


FIG. 4

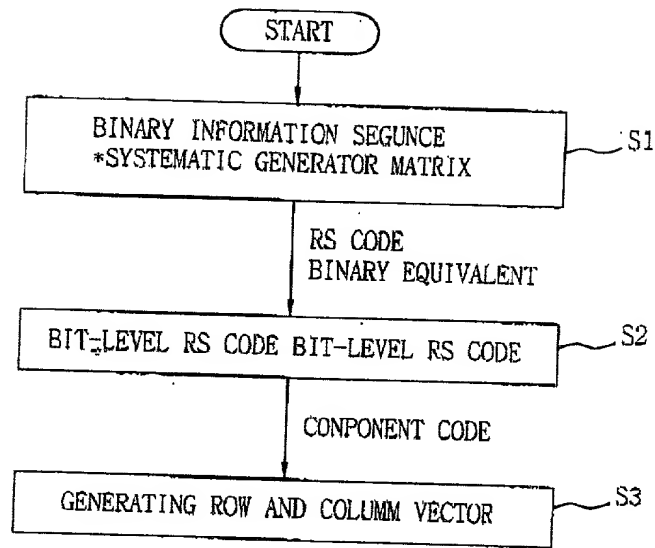


FIG. 5

$$G_b = \begin{bmatrix} \begin{bmatrix} \alpha^{m-1} & g_{00} \\ \vdots & \vdots \\ \alpha^0 & g_{00} \end{bmatrix} & \dots & \begin{bmatrix} \alpha^{m-1} & g_{0N-1} \\ \vdots & \vdots \\ \alpha^0 & g_{0N-1} \end{bmatrix} \\ \vdots & \ddots & \vdots \\ \begin{bmatrix} \alpha^{m-1} & g_{K-1,0} \\ \vdots & \vdots \\ \alpha^0 & g_{K-1,0} \end{bmatrix} & \dots & \begin{bmatrix} \alpha^{m-1} & g_{K-1N-1} \\ \vdots & \vdots \\ \alpha^0 & g_{K-1N-1} \end{bmatrix} \end{bmatrix}$$

FIG. 6

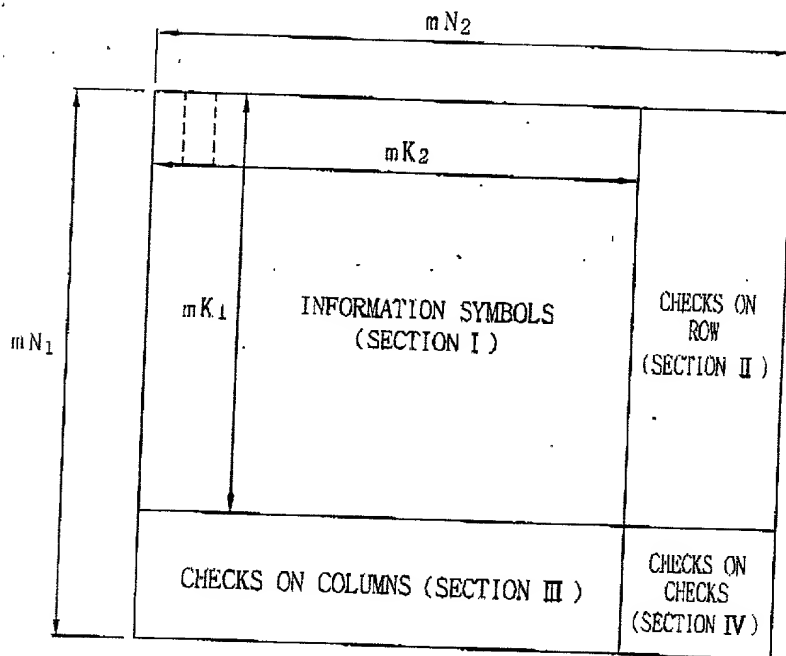


FIG. 7

<table><tr><td>1</td><td>0</td><td>0</td><td>0</td><td>0</td><td><math>\alpha^4</math></td><td><math>\alpha</math></td></tr><tr><td>0</td><td>1</td><td>0</td><td>0</td><td>0</td><td><math>\alpha^5</math></td><td><math>\alpha</math></td></tr><tr><td>0</td><td>0</td><td>1</td><td>0</td><td>0</td><td><math>\alpha^5</math></td><td><math>\alpha^3</math></td></tr><tr><td>0</td><td>0</td><td>0</td><td>1</td><td>0</td><td>1</td><td>1</td></tr><tr><td>0</td><td>0</td><td>0</td><td>0</td><td>1</td><td><math>\alpha^4</math></td><td><math>\alpha^3</math></td></tr></table>	1	0	0	0	0	$\alpha^4$	$\alpha$	0	1	0	0	0	$\alpha^5$	$\alpha$	0	0	1	0	0	$\alpha^5$	$\alpha^3$	0	0	0	1	0	1	1	0	0	0	0	1	$\alpha^4$	$\alpha^3$	BINARY EQUIVALENT	<table><tr><td>100000000</td><td>00000101011</td></tr><tr><td>010000000</td><td>00000111100</td></tr><tr><td>001000000</td><td>00000110010</td></tr><tr><td>000100000</td><td>00000001011</td></tr><tr><td>000010000</td><td>00000101100</td></tr><tr><td>000001000</td><td>00000111010</td></tr><tr><td>000000100</td><td>00000001111</td></tr><tr><td>000000010</td><td>00000101110</td></tr><tr><td>000000001</td><td>00000111011</td></tr><tr><td>000000000</td><td>00000100100</td></tr><tr><td>000000000</td><td>10000010010</td></tr><tr><td>000000000</td><td>01000001001</td></tr><tr><td>000000000</td><td>00100101111</td></tr><tr><td>000000000</td><td>00010111110</td></tr><tr><td>000000000</td><td>00001110011</td></tr></table>	100000000	00000101011	010000000	00000111100	001000000	00000110010	000100000	00000001011	000010000	00000101100	000001000	00000111010	000000100	00000001111	000000010	00000101110	000000001	00000111011	000000000	00000100100	000000000	10000010010	000000000	01000001001	000000000	00100101111	000000000	00010111110	000000000	00001110011
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FIG. 8

